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Stated Meeting, September 16.

Present, thirty-five members.

Mr. Du Ponceau, President, in the Chair.

Letters were read:—

From the Imperial Academy of Naturalists at Moscow, dated 8th May, 1842, and the Literary and Philosophical Society of Manchester, dated 24th May, 1842, announcing the transmission of donations to the Library:—

From the Prince of Canino, dated Florence, 29th July, 1842, referring to the meeting of sçavans to be held at Lucca in 1843, and to other matters of scientific interest.

The following donations were announced:—

FOR THE LIBRARY.

American Medical Library and Intelligencer. By Robley Dunglison, M.D. New Series. Vol. I. No. 13. Supplement. 8vo. Philadelphia, 1842.—*From the Editor.*

Memoirs of the Literary and Philosophical Society of Manchester. Second Series. Vol. VI. 8vo. London, 1842.—*From the Society.*

Twenty-fifth Annual Report of the London Provident Institution, to the 20th Nov. 1841. London.—*From William Vaughan, Esq.*

Classification of the Trades, Occupations, Business and Callings of the Depositors of the London Provident Institution. London.—*From the same.*

Proceedings of the Royal Astronomical Society. Vol. V. Nos. 23 & 24. 8vo. London, 1842.—*From the Society.*

Proceedings of the Royal Society of Edinburgh. Nos. 1 to 12 inclusive, and Nos. 19 & 20. 8vo. Edinburgh.—*From the Society.*

Transactions of the Royal Society of Edinburgh. Vol. XV. Part II. 4to. Edinburgh, 1842.—*From the Society.*

Philosophical Transactions of the Royal Society of London. For the Year 1842. Part I. 4to. London, 1842.—*From the Society.*

Proceedings of the Royal Society. Nos. 50, 51, 52 & 53. London, 1841-42.—*From the Society.*

Royal Society. Proceedings of the Committee of Physics, including Meteorology. Nos. 1, 2 & 3. London.—*From the Society.*

Catalogue of the Miscellaneous Literature in the Library of the Royal Society. 8vo. London, 1841.—*From the Society.*

An Address on the early Settlement of the Valley of Pequea. By Redmond Connyngham. Delivered at the Lyceum Celebration, 4th July, 1842, at Paradise.—*From the Author.*

Statistics of the United States of America, as collected under the Thirteenth Section of the Act for taking the Sixth Census. Published by Authority. Folio. Washington, 1841.—*From the Hon. G. W. Toland.*

Some Remarks on the Ancient Peruvians. By S. G. Morton, M.D. *From the Author.*

Remarks on the so called Pigmy Race of the Valley of the Mississippi. By S. G. Morton, M.D.—*From the Author.*

Description of some new Species of Organic Remains of the Cretaceous Group, &c. By S. G. Morton, M.D.—*From the Author.*

An Inquiry into the Distinctive Characteristics of the Aboriginal Race of America. Read at the Annual Meeting of the Boston Society of Natural History, April 27, 1842. By S. G. Morton, M.D. 8vo. Boston, 1842.—*From the Author.*

Catalogue of Skulls of Man and the Inferior Animals, in the Collection of S. G. Morton, M.D.—*From Dr. Morton.*

Description of some new Terrestrial and Fluviatile Shells of North America. By Thomas Say. 8vo. New Harmony, 1840.—*From the same.*

Descriptions of New Species of Quadrupeds inhabiting North America. By J. J. Audubon and the Rev. John Bachman, D.D.—*From the Authors, through Dr. Morton.*

Compendium of the Enumeration of the Inhabitants and Statistics of the United States, from the Returns of the Sixth Census. To which is added an Abstract of each preceding Census. Prepared at the Department of State. Folio. Washington, 1841.—*From the Hon. J. R. Ingersoll.*

Boletin Enciclopedico de la Sociedad Economica de Amigos del Pais. No. 7. 8vo. Valencia, 1842.—*From the Society.*

Iconografia della Fauna Italica di Carlo Luciano Bonaparte, Principe di Canino e Musignano. Parts XVI. to XXIX. inclusive. Folio. Rome, 1836–40.—*From the Author.*

Bulletin de la Société Impériale des Naturalistes de Moscou. Vol. XIV. Nos. 2, 3 & 4, and Vol. XV. No. 1. 8vo. Moscow, 1841–42.—*From the Society.*

Revue des Fossils du Gouvernment de Moscou. Par G. Fischer de Waldheim. 8vo. Moscow, 1842.—*From the Author.*

Journal de Pharmacie et de Chimie. Third Series. Vol. I. No. 6. 8vo. Paris, 1842.—*From the Editors.*

Journal of the Franklin Institute. Third Series. Vol. IV. No. 3. 8vo. Philadelphia, 1842.—*From Dr. Patterson.*

Prof. Bache read a paper, entitled "Observations on the Magnetic Dip, made in the United States in 1841, by J. N. Nicollet," which was referred to a Committee.

Mr. Lea exhibited specimens of rock masses, brought by Lieut. Rich of the U. S. Navy, from Payta in Peru, and from the Bay of Coquimbo in Chili.

Mr. Lea drew the attention of the Society particularly to the former, which was interesting chiefly from the fact of its tending to illustrate the theory of "existing causes." The rock from which this specimen was taken is a compact sandstone, composed of minute grains of quartz, cemented by carbonate of lime, and perforated by *Lithodomi* or Boring Mollusca, being identical with the species now inhabiting the neighbouring sea coast, and consisting of *Petricola solida*, *P. denticulata*, *Lithophagus dactylus*, &c. The included shells are in nearly a perfect state.

The elevation above the level of the sea from which this specimen was taken, as stated by Lieut. Rich, is nearly two hundred feet, which is remarkable, as the elevation of the coast by the earthquake of 1822, as mentioned by Mrs. Graham, was but a few feet, and that of 1835, as stated by Capt. Fitz Roy, being but about eight feet.

From the appearance of the specimen there can scarely be a doubt but that it formed part of the shelving shore of the sea in a softer state, into which the Lithodomi made their requisite foramina.

The second specimen consists chiefly of a single valve of a large *Ostrea*, probably from the lower tertiary, and remarkable for its great size, its length being about twelve inches, and its breadth eight inches.

Mr. Kane announced the decease of Mr. Isaac Rand Jackson, a member of this Society, at Copenhagen, on the 27th of July, at the age of thirty-seven.

On motion of Mr. S. C. Walker, Mr. Kane was requested to prepare an obituary notice of the deceased.

Dr. Bache announced the decease of Baron Larrey, a member of this Society, on the 24th of July, 1842, aged seventy-six.

On motion of Dr. Patterson, Mr. Kuhn was appointed on the Committee of Finance, to fill the vacancy caused by the death of Mr. Nicklin.

Stated Meeting, October 7.

Present, twenty-nine members.

Mr. Du Ponceau, President, in the Chair.

Letters were read:—

From Mr. Petty Vaughan, dated London, 2d Sept. 1842, acknowledging the honour done him by his election as a member of this Society:—

From the Zoological Society of London, dated 2d July, 1842, and the Linnean Society of London, dated 18th July, 1842, severally acknowledging the reception of copies of the Transactions and Proceedings of this Society:—

From the Society of Antiquaries of London, dated 21st June, 1842, announcing the transmission of the twenty-ninth volume of the Archæologia:—

From Major Graham, dated Washington, 28th August, 1842, presenting a series of maps and charts, illustrating the demarcation of a portion of the boundary between the United States and Texas, and a chart of the entrance of the river Sabine:—

From Mr. William Cogswell, Corresponding Secretary of the Northern Academy of Arts and Sciences, of Hanover, N. H. dated 18th Dec. 1841, requesting the donation of the publications of this Society:—and

From Colonel Todd, American minister at St. Petersburg, dated 13th April, 1842, enclosing a letter received by him from his Excellency Count Cancrine, Minister of Finances of Russia, placing at Colonel Todd's disposal, two copies of Kupffer's work on weights and measures, one of which he presents to this Society.

On motion, the Society directed that a copy of the Proceed-